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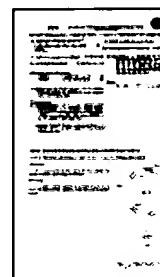
Title: **WO9502697A1: DEFECTIVE ADENOVIRUS VECTORS AND USE THE GENE THERAPY**[\[French\]](#)

Derwent Title: New defective recombinant adenovirus for gene therapy - contains inverted terminal repeats, encapsidation sequence and heterologous DNA, also cell lines able to complement the virus defect. [\[Derwent Record\]](#)

Country: **WO** World Intellectual Property Organization (WIPO)
Kind: **A1** Publ. of the Int. Appl. with Int. search report

Inventor: **PERRICAUDET, Michel;**
VIGNE, Emmanuelle;
YEH, Patrice;

Assignee: **RHONE-POULENC RORER S.A.**
PERRICAUDET, Michel
VIGNE, Emmanuelle
YEH, Patrice
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Published / Filed: **1995-01-26 / 1994-07-08**

Application Number: **WO1994FR0000851**

IPC Code: **C12N 15/86; C12N 15/34; C12N 5/10; C12N 7/04; C07K 14/075;**

ECLA Code: **C07K14/075; C12N7/04A; C12N15/861;**

Priority Number: **1993-07-13 FR1993000008596**
1994-04-18 FR1994000004590

Abstract: Novel adenovirus-derived viral vectors, the preparation thereof, and the use thereof in gene therapy, are disclosed. [\[French\]](#)

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Legal Status:

Designated Country: **AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GN GR HU IE IT JP KP KR KZ LK LU LV MC MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SK SN TD TG UA US UZ VN**

Family: [Show 32 known family members](#)

Description
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+ VECTEURS ADENOVIRAUX DEFECTIFS ET UTILISATION EN THERAPIE GENIQUE














La présente invention concerne de nouveaux vecteurs viraux, leur préparation et leur utilisation en thérapie génique. Elle concerne également les compositions pharmaceutiques contenant lesdits vecteurs viraux. Plus particulièrement, la présente invention concerne des adénovirus recombinants comme -vecteurs pour la
















thérapie génique.


















First Claim: Show all claims 1. Adénovirus recombinant défectif comprenant - les séquences ITR, - une séquence permettant l'encapsulation, - une séquence d'ADN hétérologue, et dans lequel le gène EI et au moins un des gènes E2, E4, LI -L5 est non fonctionnel. †


















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Buy PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6805858	2004-10-19	Zhang; Wei-Wei	Board of Regents, The University of Texas System	Methods for the administration of p53
	US6797702	2004-09-28	Roth; Jack A.	Board of Regents, The University of Texas System	Methods and compositions comprising DNA agents and P53
	US6793926	2004-09-21	Rasty; Siyamak	Genovo, Inc.	Methods for producing recombinant adenovirus associated virus
	US6783980	2004-08-31	Fallaux; Frits Jacobus	Crucell Holland B.V.	Packaging system for human recombinant adenovirus to be used in gene therapy
	US6752987	2004-06-22	Hammond; H. Kirk	The Regents of the University of California	Adenovirus encoding human adenylate cyclase (AC) VI
	US6692966	2004-02-17	Fallaux; Frits J.	Crucell Holland B.V.	Packaging system for human recombinant adenovirus to be used in gene therapy
	US6682929	2004-01-27	Brough; Douglas E.	GenVec, Inc.	Adenovector complementing c
	US6670188	2003-12-30	Vogels; Ronald	Crucell Holland B.V.	Packaging system for human recombinant adenovirus to be used in gene therapy
	US6653088	2003-11-25	Czech; Christian	Aventis Pharma S.A.	Interaction test for investigation of interactions between molecules of the amyloid precursor protein and the β -amyloid peptide
	US6649375	2003-11-18	Connelly; Sheila	Genetic Therapy, Inc.	Adenoviral vector for enhanced gene c
	US6638502	2003-10-28	Li; Hong	Gencell SAS	Adenovirus-mediated intratumoral delivery of angiogenesis inhibitors for the treatment of
	US6632427	2003-10-14	Finiels; Fran.cedilla.oise	Aventis Pharma S.A.	Adenoviral-vector mediated gene transfer into motor neurons
	US6627189	2003-09-30	Roth; Jack A.	Board of Regents, The University of Texas Systems	Inhibition of cellular proliferation using antisense molecules
					Complementary

	US6620618	2003-09-16	Massie; Bernard	National Research Council of Canada	the growth of adenovirus mutants with a defective protease gene
	US6602706	2003-08-05	Fallaux; Frits Jacobus	Introgene B.V.	Packaging system for human recombinant adenovirus to be used in gene therapy
	US6511847	2003-01-28	Zhang; Wei-Wei	Board of Regents, The University of Texas System	Recombinant p53 adenovirus methylation compositions
	US6512161	2003-01-28	Rouy; Didier	Aventis Pharmaceuticals, Inc.	Transgenic rabbit expressing a functional human lipoprotein
	US6506889	2003-01-14	Han; Min	University Technology Corporation	Ras suppressor related composition methods
	USRE37933	2002-12-10	Branellec; Didier	Case Western Reserve University	Viral vectors and methods for treating hyperproliferative disorders in particular restenosis
	US6482803	2002-11-19	Roth; Jack A.	Board of Regents, The University of Texas System	Modification of retroviral gene in tumors by delivery of ribozyme
	US6441156	2002-08-27	Lerman; Michael Isaac	The United States of America as represented by the Department of Health and Human Services	Calcium channel compositions and methods of use thereof
	US6436700	2002-08-20	Roth; Jack A.	Board of Regents, The University of Texas Systems	Anti-sense p21 kinase
	US6420170	2002-07-16	Perricaudet; Michel	Aventis Pharma S.A.	Recombinant adenovirus containing an internal promoter control of viral origin
	US6413776	2002-07-02	Vogels; Ronald	Galapagos Geonomics N.V.	High throughput of gene function: adenoviral library functional genomic applications
	US6410029	2002-06-25	Mukhopadhyay; Tapas	Board of Regents, The University of Texas System	2-methoxyestradiol apoptosis in cancer
	US6403370	2002-06-11	Aleman; Ramon	GenStar Therapeutics Corporation	Oncolytic/immunomodulatory vector system
	US6395519	2002-05-28	Fallaux; Frits J.	IntroGene B.V.	Means and methods for nucleic acid delivery design and nucleic acid transfer
	US6387368	2002-05-14	Wilson; James M.	The Trustees of the University of Pennsylvania	Hybrid adenovirus and method thereof

	US6306652	2001-10-23	Fallaux; Frits Jacobus	IntroGene B.V.	Packaging system for human recombinant adenovirus to be used in gene therapy
	US6291226	2001-09-18	Massie; Bernard	National Research Council of Canada	Adenovirus mutant with deleted protease
	US6287571	2001-09-11	Ertl; Hildegund C. J.	The Wistar Institute of Anatomy and Biology	Replication-defective adenovirus human recombinant as a gene carrier
	US6281010	2001-08-28	Gao; Guang-Ping	The Trustees of the University of Pennsylvania	Adenovirus gene delivery vehicle and cell line
	US6270996	2001-08-07	Wilson; James M.	The Trustees of the University of Pennsylvania	Recombinant adenovirus and adeno-associated virus cell lines and methods for production and use thereof
	US6265212	2001-07-24	Fallaux; Frits J.	Introgene B.V.	Packaging system for human recombinant adenovirus to be used in gene therapy
	US6261551	2001-07-17	Wilson; James M.	The Trustees of the University of Pennsylvania	Recombinant adenovirus and adeno-associated virus cell lines, and methods for production and use thereof
	US6261807	2001-07-17	Crouzet; Joel	Rhone-Poulenc Rorer S.A.	Method for preparation of recombinant adenovirus genome
	US6251677	2001-06-26	Wilson; James M.	The Trustees of the University of Pennsylvania	Hybrid adenovirus and method of use thereof
	US6238893	2001-05-29	Hoeben; Robert Cornelis	Introgene B.V.	Method for intracellular amplification
	US6225456	2001-05-01	Gu; Trent	University Technology Corporation	Ras suppressor
	US6203975	2001-03-20	Wilson; James M.	The Trustees of the University of Pennsylvania	Adenovirus and use thereof
	US6204060	2001-03-20	Mehtali; Majid	Transgene S.A.	Viral vectors and gene therapy
	US6174871	2001-01-16	Hammond; H. Kirk	The Regents of the University of California	Gene therapies for enhancing cardiac function
	US6143290	2000-11-07	Zhang; Wei-Wei	The Board of Regents, University of Texas System	Tumor regression by adenovirus expressing wild-type p53
	US6132989	2000-10-17	Kay; Mark A.	University of Washington	Methods and compositions for enhanced stability of non-adenoviral vectors
	US6127175	2000-10-03	Vigne; Emmanuelle	Rhone-Poulenc Rorer S.A.	Cells for the production of recombinant adenovirus
			Wilson; James	The Trustees of the	Chimpanzee adenovirus

	US6083716	2000-07-04	M.	University of Pennsylvania	vectors
	US6069134	2000-05-30	Roth; Jack A.	Board of Regents, The University of Texas System	Methods and compositions comprising DNA agents and p53
	US6033908	2000-03-07	Bout; Abraham	IntroGene, b.v.	Packaging system for human recombinant adenovirus to be used in gene therapy
	US6019978	2000-02-01	Ertl; Hildegund C. J.	The Wistar Institute of Anatomy and Biology	Replication-defective adenovirus human recombinant as a vaccine carrier
	US6017524	2000-01-25	Roth; Jack A.	Board of Regents, The University of Texas System	Inhibiting the growth of a deficient tumor cell and administering the
	US6001557	1999-12-14	Wilson; James M.	The Trustees of the University of Pennsylvania	Adenovirus and use thereof
	US5994128	1999-11-30	Fallaux; Frits Jacobus	IntroGene B.V.	Packaging system for human recombinant adenovirus to be used in gene therapy
	US5935935	1999-08-10	Connelly; Sheila	Genetic Therapy, Inc.	Adenoviral vector treatment of hemophilia
	US5871982	1999-02-16	Wilson; James M.	The Trustees of the University of Pennsylvania	Hybrid adenovirus vector and method thereof
	US5856152	1999-01-05	Wilson; James M.	The Trustees of the University of Pennsylvania	Hybrid adenovirus vector and method therefor
	US5851521	1998-12-22	Branellec; Didier	Case Western Reserve University	Viral vectors and methods for treating hyperproliferative disorders in particular restenosis
	US5824544	1998-10-20	Armentano; Donna	Genzyme Corporation	Adenovirus vector therapy
	US5756283	1998-05-26	Wilson; James M.	The Trustees of the University of Pennsylvania	Method for improved production of recombinant adeno-associate virus for gene therapy
	US5747469	1998-05-05	Roth; Jack A.	Board of Regents, The University of Texas System	Methods and compositions comprising DNA agents and p53
	US5707618	1998-01-13	Armentano; Donna	Genzyme Corporation	Adenovirus vector therapy
	US5700470	1997-12-23	Saito; Izumu	Sumitomo Pharmaceuticals Company, Limited	Recombinant adenovirus with removed E2 region and method of preparation
	US5698202	1997-12-16	Ertl; Hildegund C. J.	The Wistar Institute of Anatomy & Biology	Replication-defective adenovirus human recombinant as a vaccine carrier

	US5637456	1997-06-10	Roth; Jack A.	The University of Texas, Board of Regents	Rapid test for de the amount of fu inactive gene in : therapy vector pr
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Other Abstract
Info:

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